

WHAT IS CLAIMED IS:

1. A method of assembling an electronic device having both electric and magnetic components, comprising the steps of:

assembling an enclosure for said electronic device;

installing said electric components;

determining a voltage rating;

subsequent to installing said electric components, installing magnetic components corresponding to said voltage rating in said enclosure.

2. The method of claim 1 wherein said enclosure is assembled by pop-riveting.

3. The method of claim 1 wherein said electric components include a capacitor assembly.

4. The method of claim 1 wherein said electric components include a panel-mounted power electronics assembly attached to an interior of said enclosure by a hook.

5. The method of claim 1 wherein said electric components include a control panel having no exposed high voltage on a front portion of said control panel.

6. The method of claim 1 wherein said magnetic components are installed as the final step of assembling the electronic device.

7. The method of claim 1 wherein said magnetic components are accessible from a rear portion of said electronic device.

8. The method of claim 1 wherein said magnetic components comprise a transformer.

9. A cabinet housing:
a plurality of electric components attached to an interior of said cabinet;

a plurality of magnetic components attached to an interior of said cabinet,
wherein said magnetics are accessible from an exterior of said cabinet.

10. The cabinet of claim 9 wherein said magnetics comprise at least one transformer.

5

11. A cabinet housing an uninterruptible power supply, said cabinet having an interior
divided into at least three portions including:

a first portion having at least one bus bar affixed to a wall therein;

a second portion having power electronic components therein;

10

a third portion having a plurality of magnetic components disposed about
said interior portion of said third portion.

12. The cabinet of claim 11 wherein said power electronics include a panel attached
by a hook means to said interior portion of said second portion.

15

13. The cabinet of claim 11 wherein said power electronics include a capacitor
module.

14. The cabinet of claim 11 wherein said magnetic components include at least one
transformer.

20